

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	660	(433/89-90).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 11:13
L2	129	L1 and (bend or bent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 07:47
L3	146	L1 and (bend\$3 or bent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 07:57
L4	48	("0165054"   "0416977"   "1092701"   "2086462"   "2102591"   "2381785"   "2438843"   "2541949"   "2768768"   "3221409"   "3293749"   "3322307"   "3374789"   "3417971"   "3436828"   "3459175"   "3478430"   "3537617"   "3854209"   "3943628"   "3985166"   "4043042"   "4173236").PN. OR ("4315743"   "4340367").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 07:56
L5	3074	((604/239-243) or (604/272) or (604/218)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 07:57
L6	580	L5 and (bend\$3 or bent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 10:57
L7	249	L5 and bending	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 07:58
L8	15	("1503399"   "2034294"   "2569901"   "3884230"   "3994295"   "4878904"). PN. OR ("5405330").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 08:23

## EAST Search History

L9	822	(bend\$3 near needle)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 09:44
L10	794	L9 not L7	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 08:23
L11	790	L10 not L3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 08:23
L13	302	L9 and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 09:44
L14	1	L6 and (widen\$3 near end)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 10:59
L15	4483	L1 or L5 or L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 10:59
L16	968	L15 and (insert\$3 near needle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 11:19
L17	9	L15 and ((insert\$3 near needle) same widen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 11:01
L18	17	L15 and ((insert\$3 near needle) near (channel or hole or aperture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 11:01

## EAST Search History

L19	189	L15 and (thread\$3 near needle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:36
L20	243	L15 and (rotat\$3 near needle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:45
L21	72	L15 and (rotat\$3 near drive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:37
L22	5	(rotat\$3 near bent near tool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:46
L23	604	((driving near needle) same rotat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:48
L24	27	((driving near needle) near rotat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:50
L25	33013	("433").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:51
L26	0	L25 and (needle same (cutting near bone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:52

## EAST Search History

L27	2	L25 and (needle same (cut near bone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:52
L28	0	L25 and (tocar same (cut near bone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:52
L29	0	L25 and (tocar same (cutting near bone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:52
L30	14	L25 and (needle same (drill\$3 near bone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 12:52
L31	32	(US-5891106-\$ or US-4444560-\$ or US-1569961-\$ or US-1125887-\$ or US-4710178-\$ or US-1217630-\$ or US-2472116-\$ or US-0964950-\$ or US-5514113-\$ or US-4581022-\$ or US-2016631-\$ or US-4820287-\$ or US-4518383-\$ or US-6135771-\$ or US-4315743-\$ or US-5405330-\$ or US-4878904-\$ or US-3884230-\$ or US-2569901-\$ or US-3712302-\$ or US-6629959-\$ or US-6544239-\$ or US-4664656-\$ or US-4624393-\$ or US-3640278-\$ or US-6319002-\$).did. or (US-6468248-\$).did. or (US-3326206-\$ or US-3247850-\$ or US-1993398-\$).did. or (FR-2785813-\$).did. or (EP-148715-\$).did.	USPAT; USOCR; EPO; DERWENT	OR	OFF	2007/03/07 13:04
L32	10	L31 and rotat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 13:04

## EAST Search History

L33	156	L15 and bayonet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 13:17
S1	13	"2556595"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 10:51
S2	17	(("4581022") or ("4710178") or ("2016631") or ("6200296") or ("3534476")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 10:53
S3	12	"2785813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 10:55
S4	9	"2473318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 10:56
S5	20	"682372"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 10:56
S6	53	("0881469"   "0964950"   "1217630"   "1569961"   "1694767"   "4444560").PN. OR ("4710178").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:59
S7	39	("0201443"   "2266998"   "2472116"   "2585815"   "3051172"   "3977574"   "4444560").PN. OR ("4581022").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:09
S8	20	S7 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 11:09

## EAST Search History

S9	4	("4710172"   "4710178"   "4936833"   "5433352").PN. OR ("5891106").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:15
S10	44	("0844544"   "0977282"   "1435908"   "1569961"   "2221739"   "2472116"   "2591457").PN. OR ("4444560").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:16
S11	25	S10 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 11:17
S12	3	("1569961").URPN.	USPAT	OR	OFF	2007/03/06 11:18
S13	44	("0762603"   "0844544"   "0881469"   "0964950"   "1125887"   "1503399"   "1569961"   "2531730"   "3026616"   "3175557"   "3326206"   "3436828"   "3738006"   "3788320"   "3874383"   "3994295"   "4515583"   "4518383"   "4723947"   "4834722"   "4958901"   "5199445"   "5284476"   "5336088").PN. OR ("5514113").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:19